



Informational Notes for First Responders and Officials

Bulletin #75 – June 27, 2005

SEMA's Homepage: sema.dps.mo.gov

Heat & Lightning Awareness Posted to Homepage

The Heat and Lightning Awareness campaign is posted on the SEMA and National Weather Services homepages. June was selected because vacations and outdoor activities are in full swing. The SEMA homepage is: <http://sema.dps.mo.gov/semapage.htm>. The National Weather Service Heat campaign is: <http://www.crh.noaa.gov/lx/prepare.php>

REMEMBER:

- **Hot Weather Health Alert** is issued when afternoon heat indexes of 105 degrees in a large proportion of the state are first reached
- **Hot Weather Health Warning** is issued when the afternoon heat index has been at least 105 degrees or more for two days in a large proportion of the state.
- **Hot Weather Health Emergency** is issued for following criteria:
 - 1) High-sustained levels of heat stress (105 degrees for three days)
 - 2) Increased numbers of heat-related illness and death statewide, and
 - 3) The National Weather Service (NWS) predicts hot, humid temperatures will continue for several days in a large proportion of the state.

DHSS Heat Procedures for Elderly

In the event of a heat wave, Department of Health & Senior Services (DHSS) urges Missourians to use the state's toll-free elder abuse hotline to report any elderly persons suffering from the heat and needing assistance. That phone number is 1-800-392-0210. When the number is called, a hotline worker will gather information from the caller to help determine if there is an immediate risk because of the heat. The hotline worker may offer suggestions, when appropriate, on getting out of the problem area and going to other locations that would provide an air-conditioned environment, even if temporarily. When these alternatives are not possible, a report will be taken and a Senior Services Social Worker within the area will respond. There are resource agencies or programs in most areas of Missouri where fans or air conditioners are loaned to at-risk persons to help with heat problems. The worker will evaluate what options are possible and resources are available, and work toward helping resolve the problem.

Area Coordinator Meetings...

Area D: July 13, 2005 10 a.m. – 1 p.m., J's Restaurant, Lampe, MO.

Area E: August 5, 2005 11 .m. – TBA

SEMA Summer Newsletters Posted to Homepage

The SEMA newsletters are now on our homepage in PDF format. Here are the links: SEMA Newsletter: <http://sema.dps.mo.gov/semanews.pdf> Mitigation News: <http://sema.dps.mo.gov/mitnews.pdf> MERC News: <http://sema.dps.mo.gov/mercnews.pdf> and MEPA News: <http://sema.dps.mo.gov/mepanews.pdf>

FY 04 Homeland Security Grants Approach End of Grant Period

Jurisdictions receiving 04 Homeland Security funds, competitive and otherwise, are reminded that the grant period ends November 30, 2005. Spending **must** be substantially finished by September 1, 2005 in order to allow for invoicing to be completed.

SEMA will conduct a review of spending progress in late August-early September. If none is being made the jurisdiction risks having the award withdrawn to address other pending local Homeland Security concerns.

For those communities that have completed spending and reimbursement, the final requirement is the Final Report. Your Program Specialist will follow up with you on that.

Father's Day 3.5 and 2.7 W. Kentucky Earthquakes Felt in Missouri

The United States Geological Survey (USGS) reports that two shallow earthquakes were recorded in Western Kentucky. A 2.7 magnitude earthquake was recorded at 9 p.m., Sunday, June 19 and a 3.5 magnitude earthquake occurred at 7:21 a.m., June 20. The epicenter is about 23 miles east of Charleston, MO. Missouri residents from Bollinger, Cape Girardeau, Dunklin Mississippi, New Madrid, Pemiscot, Perry, St. Francois, Ste Genevieve and St. Louis counties reported feeling the earthquakes. Local emergency management officials didn't reported any damages to the State Emergency Management Agency. The USGS's Web site, "Did You Feel It?" is <http://pasadena.wr.usgs.gov/shake/>.

The New Madrid Seismic Zone fault impacts Northeast Arkansas, Southeast Missouri, Western Tennessee and Southwestern Kentucky. Annually the area experiences 200-250 minor earthquakes. A damaging earthquake would occur in the 6.0 or greater magnitudes.

Nature Magazine Publishes Article on Increased Strain along the NMSZ

The current issue of Nature Magazine, a leading research journal, will publish an article authored by researchers from the University of Memphis, Center for Earthquake Research and Information, and the MAE Center (Mid-America Earthquake Center) showing increased strain rates for previously unknown areas of the New Madrid Seismic Zone (NMSZ). These increasing rates are comparable to those of the San Andreas Fault in California. Nature Magazine's link is <http://www.nature.com>

Since 1999, Dr. Seth Stein has co-authored several papers detailing the New Madrid Seismic Zone using Global Positioning System (GPS) findings. Stein's initial study used GPS to try to assess movement along the New Madrid Seismic Zone. Basically, Stein found no movement and concluded the hazard had been overstated. However, various scientists questioned Stein's interpretations of the data saying the conclusions were wrong.

The new study authored by researchers from the University of Memphis (U of M) also used GPS satellites to gauge the buildup of strain on the seismic zone by measuring -- in millimeters per year -- the movement of 60-foot, antenna-equipped I-beams sunk vertically into the ground. The new study showed that the crust of the Earth is "deforming," or pressing in on portions of the New Madrid Seismic Zone a few millimeters annually. "We still don't understand why it's deforming, but we can measure the deformation," said Bob Smalley, a research associate professor and one of four authors of the report.

MoDOT's Homepage Lists Summer Road Work Locations

The summer travel season is upon us. Wherever you go in Missouri this summer, remember to buckle up, and use safe driving skills. Another tool you can use is Missouri Department of Transportation's homepage for a "Smoother, Safer, Sooner Summer". This link contains a list of major, long-lasting work zones on our interstates, U.S. routes and MO numbered routes between Memorial Day and Labor Day. The link is: http://www.modot.mo.gov/workzones/documents/2005_summer_work_STATEWIDE.pdf

In Kansas City, remember the Paseo Bridge on Interstate 29/35 is completely CLOSED for rehabilitation. See <http://www.kcrivercrossings.org/> for alternate route information.

NIMCAST Update

The official rollout of the National Incident Management System Capability Assessment Support Tool (NIMCAST) is going well. Letters were sent to every county, the City of St. Louis, every jurisdiction receiving Emergency Management Performance Grant (EMPG) funds, and every jurisdiction associated with one of the 28 Hazmat/WMD teams (approximately 175 jurisdictions). To date we have received appointment letters from, and granted NIMCAST access to, 151 jurisdictions. This web-based tool is designed to show each jurisdiction their level of compliance with the National Incident Management System (NIMS) and to establish a baseline towards full NIMS compliance.

We are aware that it may be possible for jurisdictions to gain access to the NIMCAST without going through SEMA. We have discussed this issue with FEMA/DHS, and they have stated that while it is possible to do that, **ONLY** the data that is entered into the NIMCAST assessment tool through the access granted by SEMA can be included in the Missouri State base line. **ONLY USE THE NIMCAST ACCESS GRANTED BY SEMA TO COMPLETE THE ASSESSMENT.**

If you have any questions regarding NIMCAST please call Chuck May (573 526-9112) or Diana Terrell (573 526-9234).

SEMA NIMS/ICS and Terrorism Awareness Training

SEMA is providing several organizations training grants to provide NIMS/ICS and Terrorism Awareness training to the local jurisdictions as requested. With the exception of the Government Training Institute (GTI) at the Kansas City MARC who will provide limited training outside the Kansas City Metropolitan Area, these providers are expected to travel to the jurisdictions and provide the training throughout the state. The list of the providers and their points of contact is included below. Any interested jurisdictions/organizations should contact the provider of their choice to schedule a course. I am sure that these providers want to schedule as many of the courses listed below as soon as possible:

- IS700-NIMS, An Introduction
- IS800-National Response Plan (NRP), An Introduction
- I100-Introduction to the Incident Command System (or NFA, NWFCG equivalent)
- I200-Basic Incident Command System (or NFA, NWFCG equivalent)
- I300-Incident Command System, Intermediate (or NFA, NWFCG equivalent)
- I400-Incident Command System, Advanced (or NFA, NWFCG equivalent)
- AWR160-WMD Standardized Awareness Course

This program is financed through the ODP 2004 grant process. If all goes well, we anticipate the availability of 2005 funding to continue the program beyond November 30th. This is the beginning of our effort to meet the NIMS compliance requirement prior to October 1, 2006. Missouri recommends going to the NIMS training guidelines link: <http://sema.dps.mo.gov/NIMSCompliance.doc>.

The I300 and I400 courses are in revision and are not ODP approved yet. As soon as they are approved they will be made available through the providers.

Training provider contact information:

Organization	Point of Contact
Central Missouri State University	Mike Penrod Coordinator of Homeland Security Central Missouri State University Missouri Safety Center Humphreys 201 Warrensburg, MO 64093 (660) 543-8718 (800) 801-3588 penrod@cmsu1.cmsu.edu

Mid-America Regional Council (MARC)	<p>Erin Lynch Emergency Services Administrator Mid-America Regional Council 600 Broadway 300 Rivergate Center Kansas City, MO 64105-1554 (816) 421-7758 elynch@marc.org</p> <p>Kristine Martin Emergency Services Training & Exercise Coordinator (816) 474-4240 kmartin@marc.org</p>
Missouri Police Chiefs' Assn.	<p>Sheldon Lineback Executive Director Missouri Police Chiefs' Assn. 1001 E. High St. Jefferson City, MO 65101 (573) 636-5444 slineback@mopca.com</p>
Missouri Sheriffs' Assn.	<p>Mick Covington Executive Director Missouri Sheriffs' Assn. 227 Madison St. Jefferson City, MO 65101 (573) 635-5925 Ext. 11 mickcovington@earthlink.net</p>
MU Fire & Rescue Training Institute (MUFRTI)	<p>Gary Wilson MUFRTI 240 Heinkel Bldg. Columbia, MO 65211 (800) 869-3476 (573) 882-4735 WilsonGL@missouri.edu</p>
St. Charles Community College	<p>Lita M. Pener Director Workforce Development St. Charles Community College 4601 Mid Rivers Mall Dr. St. Peters, MO 63376 (636) 922-8425 Lpener@stchas.edu</p> <p>Amanda Sizemore Administrative Assistant (636) 922-8388 Asizemore@stchas.edu</p>

Any questions or requests for further information should be directed to Debbie Cheshire at 573-526-91112 or Debbie.Cheshire@sema.dps.mo.gov.

Listo Negocios Website Provides Preparedness Information for Businesses

The U.S. Department of Homeland Security launched Listo Negocios. The Listo Negocios website (www.listo.gov) is designed to make emergency planning easier by providing businesses with practical steps and easy to use templates in Spanish to help them: plan to stay in business; talk to their employees;

and protect their investment. Ready and its Spanish language version, Listo, are designed to educate and empower individuals to prepare for and respond to potential terrorist attacks and other emergencies

SLU Institute for Bioterrorism Spring Newsletter Highlights

Here are three items from the Spring St. Louis University Institute for Bioterrorism newsletter worth noting. If you have any questions email the institute at: bioterr@slu.edu

- Applications will be accepted through July 2005 for Master Degree Program in BioSecurity for Fall 2005 semester. The new distance-learning program is the first of its kind in the country.
- St. Louis University added a page with articles and commentary on Avian Flu to the Institute's website in response to "Nature Magazine's" story on Avian Flu.
- The institute is offering consultation services for government agencies and public health departments for drills and exercises.

Enroll In One of These Free SEMA Classes

July 12-14	CERT T-t-T	Eureka fire Protection Dist.
July 12-14	EOC Management & Operations Center	West Plains Civic Center.
July 13-14	ICS for Public Works is POST Certified	Drury Inn Stadium - Kansas City, MO
July 20-21	Donations Management Workshop	St. Louis County EMA
July 26-28	CERT T-t-T	Kirksville Fire Station
August 3-4	Radiological Emergency Response	Drury Inn & Suites Springfield
August 3-4	Resource Management	Drury Inn & Suites KC Stadium
August 9-11	Emergency Planning	Best Western Jefferson City
August 10	CERT Program Management Seminar	Assn of School Administrators Jeff City
August 10-11	Medical Considerations	SSM DePaul in Bridgeton
August 16-17	ICS for Law Enforcement	Grand River Inn in Chillicothe
August 16-18	Mass Fatalities Incident Response	St. Louis County EMA
August 16-18	CERT T-t-T	Rolla at Eugene E. Northern Hall
August 23-25	Exercise Design and Evaluation	Chillicothe
August 29-31	EOC Management and Operations	Drury Inn Stadium KC
August 29-30	Medical Considerations	Kansas City

Multi-state SONS Exercise Targets NMSZ for 2007

The Central United States Earthquake Consortium (CUSEC) and the United States Coast Guard (USCG) are in the preliminary stages of planning a multi-state, multi-agency exercise dealing with both an earthquake and a Spill of National Significance (SONS). The exercise is targeted to take place in 2007. A Spill of National Significance (SONS) is an oil or hazardous material incident(s) that overwhelms local and regional response capabilities. To date, all SONS exercises have been major marine casualties, not a natural disaster scenario to initiate a SONS exercise.

A large-scale earthquake incident within the Mississippi river valley will result in numerous oil and hazardous material releases from vessels, facilities and pipelines. A large earthquake would also create significant damage to maritime and inland transportation systems including bridges over navigable waters adding significant complications to the SONS incident. Additionally, there are many overlapping authorities, jurisdictions, and competing response priorities, which highlight the need to use the NRP and NIMS to streamline and coordinate federal response to the emergency.

First-Responder Funding Maybe Cut To Fund Border Security

By Greta Wodele, [CongressDaily](#)

The Senate Homeland Security Appropriations Subcommittee agreed by voice vote to bolstered funding for border security by shifting money from grant programs for police officers, firefighters and other first responders.

"The essence of the bill is that we should address threats," said Homeland Security Appropriations Subcommittee Chairman Judd Gregg, R-N.H., adding that the panel cut funding for the first-responder grant programs because states and communities have not spent \$7 billion from previous years. "It's foolish to put more money into that system," he said. The federal government has poured billions of dollars into the grant programs since the Sept. 11, 2001, terrorist attacks, but Gregg said the "tail has not caught up with the head."

Border security programs would receive \$600 million more than Bush requested, totaling \$9.8 billion. The panel directed the department to use the funding to hire 1,000 more border agents to reach the goal of 10,000 more agents over the next 10 years. Gregg said the Homeland Security Department also would spend the increased funding on expanding training facilities, adding 2,200 more detention beds to hold illegal immigrants and increase the number of U.S. Customs and Immigration officers.

"Within a year, a year and a half, we will effectively detain anyone entering the country illegally," Gregg said. The bill requires the department to combine the strengthened manpower with cutting-edge technology along the borders. "There is no point in having people all along the border when a lot can be done with technology," Gregg said.

Have a Happy and Safe July 4th Celebration!